

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S7	649	381/119;369/1.ccls.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/13 10:00
S8	566	381/119;369/1.ccls. and (sound or audio or music)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/13 10:00
S9	471	381/119;369/1.ccls. and (sound or audio or music) and input and output	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/13 10:01
S10	389	381/119.ccls. and (sound or audio or music) and input and output	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/13 10:01
S11	351	S10 and mix\$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/13 15:58
S12	235	S10 and mix\$4 and (@rlad<"20030311" or @ad<"20030311")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/13 16:02
S13	0	("10032948.ap.").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/09/13 11:31
S14	3	(10/032948).APP.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/09/13 11:31
S19	2	("20020156547").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/09/13 14:36

S20	389	381/119.ccls. and (sound or audio or music) and input and output	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/22 10:06
S21	351	S20 and mix\$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/13 15:58
S22	323	S21 and control	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/13 15:59
S23	235	S20 and mix\$4 and (@rlad<"20030311" or @ad<"20030311")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/13 16:02
S24	218	S23 and control	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/13 16:02
S28	361	381/103.ccls.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/20 08:47
S30	1206	(381/119.ccls. or 700/94.ccls.) and (sound or audio or music) and input and output and digital	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/22 10:06
S31	1102	(381/119.ccls. or 700/94.ccls.) and (sound or audio or music) and input and output and digital and control	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/22 10:07
S32	563	(381/119.ccls. or 700/94.ccls.) and (sound or audio or music) and input and output and digital and control and mix\$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/22 10:08
S33	416	(381/119.ccls. or 700/94.ccls.) and (sound or audio or music) and input and output and digital and control and mix\$4 and stor\$4 and inform\$5	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/22 10:09
S34	291	(381/119.ccls. or 700/94.ccls.) and (sound or audio or music) and input and output and digital and control and mix\$4 and stor\$4 and inform\$5 and (@rlad<"20030311" or @ad<"20030311")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/22 10:14

S35	342	(381/119.ccls. or 700/94.ccls.) and (sound or audio or music) and input and output and digital and control and mix\$4 and stor\$4 and (@rlad<"20030311" or @ad<"20030311")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/22 10:14
S47	29736	(sound or audio or music) and input and output and digital and control and mix\$4 and stor\$4 and (@rlad<"20030311" or @ad<"20030311")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/23 09:54
S48	17031	(sound or audio or music) and input and output and digital and control and mix\$4 and stor\$4 and (@rlad<"20030311" or @ad<"20030311") and instruct\$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/23 09:55
S49	13596	(sound or audio or music) and input and output and digital and control and mix\$4 and stor\$4 and (@rlad<"20030311" or @ad<"20030311") and instruct\$4 and transmit\$4 and receiv\$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/23 09:56
S50	586	(sound or audio or music) and input and output and digital and control and stor\$4 and (@rlad<"20030311" or @ad<"20030311") and instruct\$4 and transmit\$4 and receiv\$4 and (mix\$4).ab.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/23 09:57
S51	198	(sound or audio or music).ab. and input and output and digital and control and stor\$4 and (@rlad<"20030311" or @ad<"20030311") and instruct\$4 and transmit\$4 and receiv\$4 and (mix\$4).ab.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/23 09:57
S52	383	(sound or audio or music).ab. and input and output and digital and control and stor\$4 and (@rlad<"20030311" or @ad<"20030311") and transmit\$4 and receiv\$4 and (mix\$4).ab.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/23 09:57
S53	201	(sound or audio or music).ab. and input and output and digital and control and (stor\$4 or memory) and (@rlad<"20030311" or @ad<"20030311") and instruct\$4 and transmit\$4 and receiv\$4 and (mix\$4).ab.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/23 09:58
S54	413	(sound or audio or music).ab. and input and output and digital and control and (stor\$4 or memory) and (@rlad<"20030311" or @ad<"20030311") and transmit\$4 and receiv\$4 and (mix\$4).ab.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/23 10:02

S55	177	(sound or audio or music).ab. and input and output and digital and control and (stor\$4 or memory) and (@rlad<"20030311" or @ad<"20030311") and transmit\$4 and receiv\$4 and (mix\$4).ab. and parameter	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/23 10:02
S56	104	(sound or audio or music).ab. and input and output and digital and control and (stor\$4 or memory) and (@rlad<"20030311" or @ad<"20030311") and transmit\$4 and receiv\$4 and (mix\$4).ab. and parameter and instruct\$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/23 10:02
S57	224	(sound or audio or music).ab. and input and output and digital and control and (stor\$4 or memory) and (@rlad<"20030311" or @ad<"20030311") and transmit\$4 and receiv\$4 and (mix\$4).ab. and (mix\$4 with input)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/23 10:07
S58	129	(sound or audio or music).ab. and input and output and digital and control and (stor\$4 or memory) and (@rlad<"20030311" or @ad<"20030311") and transmit\$4 and receiv\$4 and (mix\$4).ab. and (mix\$4 with input) and instruct\$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/23 10:09
S59	214	(sound or audio or music).ab. and input and output and digital and control and (stor\$4 or memory) and (@rlad<"20030311" or @ad<"20030311") and (mix\$4).ab. and (mix\$4 with input) and instruct \$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/23 10:27
S60	85	(sound or audio or music).ab. and input and output and digital and control and (stor\$4 or memory) and (@rlad<"20030311" or @ad<"20030311") and (mix\$4).ab. and (mix\$4 with input) and instruct \$4 not S58	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/23 10:27
S61	125	(381/119.ccls. or 700/94.ccls.) and (sound or audio or music) and input and output and digital and control and mix\$4.ab. and (stor\$4 or memory) and (@rlad<"20030311" or @ad<"20030311")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/23 11:29
S62	111	(381/119.ccls. or 700/94.ccls.) and (sound or audio or music).ab. and input and output and digital and control and mix\$4.ab. and (stor\$4 or memory) and (@rlad<"20030311" or @ad<"20030311")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/23 11:29

S63	81	(381/119.ccls. or 700/94.ccls.) and (sound or audio or music).ab. and input and output and digital and control and mix\$4.ab. and (stor\$4 or memory) and (@rlad<"20030311" or @ad<"20030311") not virtual	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/23 11:30
S64	91	("381".clas. or 700/94.ccls.) and (sound or audio or music).ab. and input and output and digital and control and mix\$4.ab. and (stor\$4 or memory) and (@rlad<"20030311" or @ad<"20030311") and instruct\$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/23 12:25
S65	180	("381".clas. or 700/94.ccls.) and (sound or audio or music).ab. and input and output and digital and control and mix\$4.ab. and (stor\$4 or memory) and (@rlad<"20030311" or @ad<"20030311")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/23 12:26
S66	249	(sound or audio or music).ab. and input and output and digital and control and (stor\$4 or memory) and (@rlad<"20030311" or @ad<"20030311") and (mix\$4).ab. and (mix\$4 with input) and (instruct\$4 or command)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/23 12:35
S67	151	(sound or audio or music).ab. and input and output and digital and control and (stor\$4 or memory) and (@rlad<"20030311" or @ad<"20030311") and (mix\$4).ab. and (mix\$4 with input) and (instruct\$4 or command) and (digital with mix\$4)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/23 13:07
S68	13	("4187544"   "4479240"   "4497023"   "4635288"   "5060272"   "5239458"   "5303218"   "5319359"   "5396618"   "5434626"   "5467288").PN. OR ("5778417").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/23 14:59
S69	151	(sound or audio or music).ab. and input and output and digital and control and (stor\$4 or memory or RAM or ROM) and (@rlad<"20030311" or @ad<"20030311") and (mix\$4).ab. and (mix\$4 with input) and (instruct\$4 or command) and (digital with mix\$4)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/23 16:22
S70	2	("5563951").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/10/24 09:14

S71	1277	381/119;700/94.ccls. and (@rlad<"20030311" or @ad<"20030311")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/22 15:06
S72	595	381/119;700/94.ccls. and (@rlad<"20030311" or @ad<"20030311") and (mix\$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/22 15:08
S73	34	("3982071"   "4479240"   "4635288"   "4677674"   "4879751"   "4885792"   "4993073"   "5054077"   "5060272"   "5102373"   "5122720"   "5206913"   "5212733"   "5239458"   "5257317"   "5268964"   "5293102"   "5299267"   "5402501"   "5420933"   "5444676"   "5444789"   "5479518"   "5623551"   "5930375"   "5982902"   "6061458").PN. OR ("6839441"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/22 16:53
S74	4	("20020124100"   "5892938"   "6239655"   "6658232").PN. OR ("7245727").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/22 17:41
S75	74	"381".clas. and (@rlad<"20030311" or @ad<"20030311") and (mix\$3) and master and slave	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/22 17:44
S76	51	"381".clas. and (@rlad<"20030311" or @ad<"20030311") and (mix\$3) and master and slave not S72	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/22 17:44
S77	2804	"381".clas. and (@rlad<"20030311" or @ad<"20030311") and (mix\$3) not S72	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/22 17:47
S78	2374	"381".clas. and (@rlad<"20030311" or @ad<"20030311") and (mix\$3) and (control\$4 or master) not S72	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/22 17:48
S79	618	"381".clas. and (@rlad<"20030311" or @ad<"20030311") and (mix\$3). clm. and (control\$4 or master) not S72	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/22 17:49

S80	419	"381".clas. and (@rlad<"20030311" or @ad<"20030311") and (mix\$3) and ((control\$4 or master) near3 mix\$3) not S72	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/22 17:53
S81	14952	709/208-211,217-219.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 12:40
S82	10901	709/208-211,217-219.ccls. and (@rlad<"20030311" or @ad<"20030311")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 12:41
S83	5918	709/208-211,217-219.ccls. and (@rlad<"20030311" or @ad<"20030311") and (audio or music or sound or speech or voice)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 12:41
S84	792	709/208-211,217-219.ccls. and (@rlad<"20030311" or @ad<"20030311") and (audio or music or sound or speech or voice) and (mix\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 12:41
S85	316	709/208-211,217-219.ccls. and (@rlad<"20030311" or @ad<"20030311") and ((audio or music or sound or speech or voice or concert) same (mix\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 12:42
S86	247	709/208-211,217-219.ccls. and (@rlad<"20030311" or @ad<"20030311") and ((audio or music or sound or speech or voice or concert) with (mix\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 12:44
S88	2	("5778417").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/23 13:30
S89	14	("4187544"   "4479240"   "4497023"   "4635288"   "5060272"   "5239458"   "5303218"   "5319359"   "5396618"   "5434626"   "5467288").PN. OR ("5778417"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/23 13:30

S90	370	381/119.ccls. and (@rlad<"20030311" or @ad<"20030311")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 13:38
S91	475	381/119;84/660.ccls. and (@rlad<"20030311" or @ad<"20030311")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 13:40
S92	17	("3916317"   "4879751"   "5212733"   "5257317"   "5450075"   "5608807"   "5812688"   "5959610"   "6061458"   "6118283"   "6438241").PN. OR ("6728382"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/27 16:04
S93	7	("20020025051"   "20020156547" "20030007652"   "5444676"   "5608807"   "5757941"   "6728382").PN. OR ("7395127"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/27 16:06
S94	2	("7489978").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/27 16:10
S95	0	("7570770").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/27 16:11
S96	384	381/119;84/660;369/4.ccls. and (@rlad<"20030311" or @ad<"20030311") and digital	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/27 17:53
S97	318	381/119;84/660;369/4.ccls. and (@rlad<"20030311" or @ad<"20030311") and digital and (mix\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/27 17:56
S98	14	("4187544"   "4479240"   "4497023"   "4635288"   "5060272"   "5239458"   "5303218"   "5319359"   "5396618"   "5434626"   "5467288").PN. OR ("5778417"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/27 18:42



S99	347	381/119.ccls. and (@rlad<"20030311" or @ad<"20030311")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/02 20:24
S100	14	("4496997"   "4706294"   "4879751"   "5054077"   "5060272"   "5072645").PN. OR ("5233666").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/02 20:44
S101	976	700/94.ccls. and (@rlad<"20030311" or @ad<"20030311") not S99	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/02 21:16
S102	301	700/94.ccls. and (@rlad<"20030311" or @ad<"20030311") and (mix\$3) not S99	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/02 21:16
S103	80	700/94.ccls. and (@rlad<"20030311" or @ad<"20030311") and (mix\$3) and (panel or knob or rotary or fader) not S99	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/02 21:23
S104	5	("4002994").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/05 12:47
S105	692	700/94;381/119;84/660.ccls. and (@rlad<"20030311" or @ad<"20030311") and (mix\$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/07/29 18:57
S106	351	700/94;381/119;84/660.ccls. and (@rlad<"20030311" or @ad<"20030311") and (mix\$3). clm. and (remote\$ or control\$4)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2010/07/29 19:25

7/ 30/ 2010 5:16:42 PM

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